

## CLAIMS

1. A cathode-ray tube (CRT) holding device comprising a rib section having a shape similar to a shape of a funnel of a CRT, for holding the CRT from a rear side of the CRT.

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2. The CRT holding device of claim 1, wherein said rib section has ribs extending in a plurality of directions, respectively.

3. A cathode-ray tube (CRT) holding device comprising:  
10 a rib section having a shape similar to a shape of a funnel of a CRT;  
and  
a frame formed unitarily with said rib section, said frame having a shape corresponding to a shape of a panel of the CRT,  
wherein said rib section and frame hold the CRT from a rear side of the CRT.

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4. A cathode-ray tube (CRT) holding device comprising:  
a rib section having a shape similar to a shape of a funnel of a CRT;  
a frame having a shape corresponding to a shape of a panel of the CRT; and  
20 a support base linked to at least one of said rib section and frame,  
wherein the CRT is held in self-standing manner from a rear side of the CRT.

5. The CRT holding device of claim 4, wherein said rib section, frame and support base are unitarily formed with metal material.

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6. The CRT holding device of claim 5, wherein said metal material is one of magnesium alloy, aluminum alloy, and zinc alloy.

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7. The CRT holding device of claim 3, 4, 5, or 6, wherein said rib section has a section shaped like a gutter having a groove.

5        8. A video appliance comprising a rib section for holding a cathode-ray tube (CRT) from a rear side of the CRT, said rib section having a shape similar to a shape of a funnel of the CRT.,

10      9. The video appliance of claim 8, wherein said rib section has ribs extending in a plurality of directions, respectively.

15      10. A video appliance comprising:  
          a rib section having a shape similar to a shape of a funnel of a cathode-ray tube (CRT); and  
          a frame formed unitarily with said rib section, said frame having a shape corresponding to a shape of a panel of the CRT,  
          wherein said rib section and frame hold the CRT from a rear side of the CRT.

20      11. A video appliance comprising:  
          a rib section having a shape similar to a shape of a funnel of a cathode-ray tube (CRT);  
          a frame having a shape corresponding to a shape of a panel of the CRT; and  
          a support base linked to at least one of said rib section and frame,  
          wherein the CRT is held in self-standing manner from a rear side of the CRT.

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12. The video appliance of claim 10 or 11, wherein said rib section

*SUB A27* has a section shaped like a gutter having a groove.

13. The video appliance of claim 12, further comprising a degaussing coil disposed in the groove of said rib section.

*b6 b7* 5 14. The video appliance of claim 8, 9, 10, 11, 12, or 13, further comprising a front panel attached to a screen surface side of the CRT.

10 15. A cathode-ray tube (CRT) holding device comprising:  
a rib section for holding a CRT from a rear side of the CRT, said rib section having a shape similar to a shape of a funnel of the CRT; and  
a runner section for pouring injection material from an injection molding machine, said runner section being provided as a part of said rib section.

15 16. A cathode-ray tube (CRT) holding device comprising:  
a rib section having a shape corresponding to a shape of a funnel of a CRT;

20 a frame formed unitarily with said rib section, said frame having a shape corresponding to a shape of a panel of the CRT; and  
a runner section for pouring injection material from an injection molding machine, said runner section being provided as a part of the rib section.

25 17. A cathode-ray tube (CRT) holding device comprising:  
a rib section having a shape corresponding to a shape of a funnel of a CRT;

a frame having a shape corresponding to a shape of a panel of the CRT;

a support base for holding the CRT in self-standing manner; and

5 a runner section for pouring injection material from an injection molding machine, said runner section being provided as a part of said rib section,

wherein said rib section, frame, and support base are formed unitarily.

18. A method of manufacturing a cathode-ray tube (CRT) holding device including: a rib section for holding a CRT from a rear side of the CRT, 10 the rib section having a shape similar to a shape of a funnel of the CRT; and a runner section provided as a part of the rib section, said method comprising the steps of:

pouring injection material from an injection molding machine into 15 said runner section; and

pouring the injection material into the rib section through the runner section.

19. A method of manufacturing a cathode-ray tube (CRT) holding device including: a rib section having a shape corresponding to a shape of a funnel of a CRT; a frame formed unitarily with the rib section, the frame having a shape corresponding to a shape of a panel of the CRT; and a runner section provided as a part of the rib section, said method comprising the steps of:

25 pouring injection material from an injection molding machine into the runner section; and

pouring the injection material into the rib section and frame through

the runner section.

20. A method of manufacturing a cathode-ray tube (CRT) holding device including: a rib section having a shape corresponding to a shape of a funnel of a CRT; a frame having a shape corresponding to a shape of a panel of the CRT; a support base for holding the CRT in self-standing manner; and a runner section provided as a part of the rib section, said method comprising the steps of:

10       pouring injection material from an injection molding machine into the runner section;

      pouring the injection material into the rib section and frame through the runner section; and

      forming unitarily the rib section, frame, and support base.

15       21. A display panel holding device comprising a rib section for holding a display panel from a rear side of the display panel, said rib section having a shape similar to a shape of a rear portion of the display panel.,

20       22. The display panel holding device of claim 21, wherein said rib section has ribs extending in a plurality of directions, respectively.

25       23. A display panel holding device comprising:

      a rib section having a shape corresponding to a shape of a rear portion of a display panel; and

      a frame formed unitarily with said rib section, said frame having a shape corresponding to a shape of a peripheral portion of the display panel, wherein said rib section and frame hold the display panel from a rear side of

the display panel.

24. A display panel holding device comprising:

a rib section having a shape corresponding to a shape of a rear portion

5 of a display panel;

a frame having a shape corresponding to a shape of a peripheral portion of the display panel; and

a support base linked to at least one of said rib section and frame,  
wherein the display panel is held in self-standing manner from a rear side of

10 the display panel.

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